

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/001214

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D487/04 A61K31/519 A61P35/00
 //(C07D487/04, 239:00, 321:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, PAJ, WPI Data, EMBASE, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) -& JP 2002 053466 A (OTSUKA PHARMACEUT FACTORY INC), 19 February 2002 (2002-02-19) abstract	1-40
X,Y	EP 0 714 989 A (NIPPON STEEL CORP) 5 June 1996 (1996-06-05) claim 1; examples	1-40
X,Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09, 31 July 1998 (1998-07-31) -& JP 10 101671 A (OTSUKA PHARMACEUT FACTORY INC), 21 April 1998 (1998-04-21) abstract	1-40
-/--		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

5 July 2004

Date of mailing of the international search report

14/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Steendijk, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001214

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09, 31 July 1998 (1998-07-31) -& JP 10 101672 A (OTSUKA PHARMACEUT FACTORY INC), 21 April 1998 (1998-04-21) abstract	1-40
X,Y	----- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10, 31 October 1997 (1997-10-31) -& JP 09 169762 A (OTSUKA PHARMACEUT FACTORY INC), 30 June 1997 (1997-06-30) abstract	1-40
X,Y	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01, 31 January 2000 (2000-01-31) -& JP 11 292879 A (OTSUKA PHARMACEUT FACTORY INC), 26 October 1999 (1999-10-26) abstract	1-40
X,Y	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01, 31 January 2000 (2000-01-31) -& JP 11 279178 A (OTSUKA PHARMACEUT FACTORY INC), 12 October 1999 (1999-10-12) abstract	1-40
X,Y	----- MIKI SHINYA ET AL: "Antinociceptive effect of the novel compound OT-7100 in a diabetic neuropathy model" EUROPEAN JOURNAL OF PHARMACOLOGY, vol. 430, no. 2-3, 2 November 2001 (2001-11-02), pages 229-234, XP002286727 ISSN: 0014-2999 abstract	1-40
X,Y	----- PATENT ABSTRACTS OF JAPAN vol. 015, no. 474 (C-0890), 3 December 1991 (1991-12-03) -& JP 03 204877 A (OTSUKA PHARMACEUT FACTORY INC), 6 September 1991 (1991-09-06) abstract	1-40
X,Y	----- EP 0 591 528 A (OTSUKA PHARMA CO LTD) 13 April 1994 (1994-04-13) claim 1; examples ----- -/--	1-40

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001214

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	PATENT ABSTRACTS OF JAPAN vol. 010, no. 219 (C-363), 31 July 1986 (1986-07-31) -& JP 61 057587 A (SHIONOGI & CO LTD), 24 March 1986 (1986-03-24) abstract	1-40
X,Y	----- PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03, 29 March 1996 (1996-03-29) -& JP 07 309872 A (OTSUKA PHARMACEUT FACTORY INC), 28 November 1995 (1995-11-28) abstract	1-40
X,Y	----- PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 114774 A (OTSUKA PHARMACEUT FACTORY INC), 6 May 1998 (1998-05-06) abstract	1-40
X,Y	----- EP 0 628 559 A (BEIERSDORF LILLY GMBH) 14 December 1994 (1994-12-14) claim 1; examples	1-40
X,Y	----- SHIOTA T ET AL: "SYNTHESIS AND STRUCTURE-ACTIVITY RELATIONSHIP OF A NEW SERIES OF POTENT ANGIOTENSIN II RECEPTOR ANTAGONISTS: PYRAZOLO?,5-A?YRIMIDINE DERIVATIVES" CHEMICAL AND PHARMACEUTICAL BULLETIN, PHARMACEUTICAL SOCIETY OF JAPAN. TOKYO, JP, vol. 47, no. 7, 1999, pages 928-938, XP001156827 ISSN: 0009-2363 tables 2,3	1-40
X,Y	----- KIYAMA RYUICHI ET AL: "Novel angiotensin II receptor antagonists: Design, synthesis, and in vitro evaluation of dibenzo(a,d)cycloheptene and dibenzo(b,f)oxepin derivatives: Searching for bioisosteres of biphenyltetrazole using a three-dimensional search technique" JOURNAL OF MEDICINAL CHEMISTRY, vol. 38, no. 14, 1995, pages 2728-2741, XP002286728 ISSN: 0022-2623 example 40	1-40
	----- -/-	

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/GB2004/001214

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	WO 97/29109 A (JANSSEN PHARMACEUTICA NV ; CHEN CHEN (US); WEBB THOMAS R (US); MORAN T) 14 August 1997 (1997-08-14) claim 1; example 8	1-40
X,Y	EP 0 641 781 A (YOSHITOMI PHARMACEUTICAL) 8 March 1995 (1995-03-08) page 27, line 9	1-40
X,Y	NOVINSON T ET AL: "Synthesis and antifungal properties of certain 7-alkylaminopyrazolo(1,5-a)pyrimidines" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 20, no. 2, 1977, pages 296-299, XP002970049 ISSN: 0022-2623 example 25	1-40
A	WO 98/54093 A (HUNGATE RANDALL W ; KENDALL RICHARD L (US); THOMAS KENNETH A JR (US);) 3 December 1998 (1998-12-03) claim 1	1-40
P,X, Y	WO 03/091256 A (SHIONOGI & CO ; NISHI KOICHI (JP); SENO KAORU (JP); FUJISHITA TOSHIO () 6 November 2003 (2003-11-06) page 183	1-40
E	WO 2004/022561 A (SCHERING CORP ; PHARMA COPEIA INC (US)) 18 March 2004 (2004-03-18) claim 1; examples	1-40
E	WO 2004/026299 A (BROTCHIE JONATHAN ; SILVERDALE MONTAGUE (GB); CROSSMAN ALAN (GB); HILL) 1 April 2004 (2004-04-01) claim 1; examples	1-40
E	WO 2004/022559 A (SCHERING CORP ; PHARMA COPEIA INC (US)) 18 March 2004 (2004-03-18) claim 1; examples	1-40

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001214

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2002053466	A	19-02-2002	NONE	
EP 0714989	A	05-06-1996	JP 2958842 B2	06-10-1999
			JP 7018319 A	20-01-1995
			JP 2896838 B2	31-05-1999
			JP 7179922 A	18-07-1995
			JP 2958848 B2	06-10-1999
			JP 7179921 A	18-07-1995
			JP 3239197 B2	17-12-2001
			JP 7070626 A	14-03-1995
			AU 680268 B2	24-07-1997
			AU 7083194 A	24-01-1995
			BR 9406985 A	05-03-1996
			CA 2166097 A1	12-01-1995
			DE 69423630 D1	27-04-2000
			DE 69423630 T2	09-11-2000
			EP 0714989 A1	05-06-1996
			KR 159180 B1	15-01-1999
			US 5868817 A	09-02-1999
			CN 1128050 A ,B	31-07-1996
			ES 2143547 T3	16-05-2000
			WO 9501458 A1	12-01-1995
JP 10101671	A	21-04-1998	NONE	
JP 10101672	A	21-04-1998	NONE	
JP 09169762	A	30-06-1997	JP 3479708 B2	15-12-2003
JP 11292879	A	26-10-1999	NONE	
JP 11279178	A	12-10-1999	NONE	
JP 03204877	A	06-09-1991	JP 2585462 B2	26-02-1997
EP 0591528	A	13-04-1994	AT 174917 T	15-01-1999
			AU 651986 B2	11-08-1994
			AU 8295891 A	17-11-1992
			CA 2107479 A1	23-10-1992
			DE 69130683 D1	04-02-1999
			DE 69130683 T2	06-05-1999
			DK 591528 T3	23-08-1999
			EP 0591528 A1	13-04-1994
			ES 2126573 T3	01-04-1999
			JP 5070353 A	23-03-1993
			WO 9218504 A1	29-10-1992
			KR 191774 B1	15-06-1999
			US 5688949 A	18-11-1997
JP 61057587	A	24-03-1986	NONE	
JP 07309872	A	28-11-1995	NONE	
JP 10114774	A	06-05-1998	NONE	
EP 0628559	A	14-12-1994	EP 0628559 A1	14-12-1994
			CA 2125458 A1	11-12-1994
			DE 69430279 D1	08-05-2002

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/001214

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0628559	A	DE 69430279 T2	06-03-2003
		ES 2174863 T3	16-11-2002
		JP 7002860 A	06-01-1995
		US 5571813 A	05-11-1996
		US 5602136 A	11-02-1997
		US 5602137 A	11-02-1997
WO 9729109	A 14-08-1997	AU 713673 B2	09-12-1999
		AU 1599197 A	28-08-1997
		BG 102349 A	26-02-1999
		BR 9707391 A	20-07-1999
		CA 2233285 A1	14-08-1997
		CN 1205009 A ,B	13-01-1999
		CZ 9802445 A3	14-10-1998
		DE 880523 T1	04-07-2002
		EA 980394 A1	29-10-1998
		EE 9800124 A	15-10-1998
		WO 9729109 A1	14-08-1997
		EP 0880523 A1	02-12-1998
		ES 2168237 T1	16-06-2002
		HU 9900575 A2	28-06-1999
		ID 15905 A	14-08-1997
		JP 3356291 B2	16-12-2002
		JP 2000503661 T	28-03-2000
		JP 2002121194 A	23-04-2002
		NO 981357 A	03-08-1998
		NZ 330119 A	28-02-2000
		PL 327284 A1	07-12-1998
		SK 106398 A3	02-12-1998
		TR 9800792 T2	21-07-1998
		TW 449599 B	11-08-2001
		US 2003125341 A1	03-07-2003
		ZA 9700989 A	06-08-1998
		US 2003075941 A1	24-04-2003
EP 0641781	A 08-03-1995	AT 194977 T	15-08-2000
		DE 69231297 D1	31-08-2000
		DE 69231297 T2	23-11-2000
		DK 641781 T3	18-09-2000
		EP 0641781 A1	08-03-1995
		GR 3034633 T3	31-01-2001
		KR 133372 B1	23-04-1998
		US 5478838 A	26-12-1995
		CA 2117096 A1	18-03-1993
		ES 2148179 T3	16-10-2000
		WO 9305021 A1	18-03-1993
		JP 3275389 B2	15-04-2002
		JP 5194401 A	03-08-1993
		JP 3265695 B2	11-03-2002
		JP 6041080 A	15-02-1994
WO 9854093	A 03-12-1998	AU 734009 B2	31-05-2001
		AU 7594498 A	30-12-1998
		CA 2291709 A1	03-12-1998
		EP 0984692 A1	15-03-2000
		JP 2002501532 T	15-01-2002
		WO 9854093 A1	03-12-1998
		US 6380203 B1	30-04-2002

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001214

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9854093 A		US 6235741 B1	22-05-2001
WO 03091256 A	06-11-2003	WO 03091256 A1	06-11-2003
WO 2004022561 A	18-03-2004	WO 2004022561 A1	18-03-2004
WO 2004026299 A	01-04-2004	WO 2004026299 A1	01-04-2004
WO 2004022559 A	18-03-2004	WO 2004022559 A1	18-03-2004
		US 2004102451 A1	27-05-2004